

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10596623
	Filing Date		
	First Named Inventor	REYNOLDS, ERIC CHARLES	
	Art Unit		
	Examiner Name		
	Attorney Docket Number		FREE-004

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JG/

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	4992420		1991-02-12	Neeser	
	2	4994441		1991-02-19	Neeser	
	3	5824292		1998-10-20	Carr, et al.	
	4	5583198		2008-09-29	Whittaker	
	5	5846732		1998-12-08	Collin, et al.	
	6	6096870		2000-08-01	Mozaffar, et al.	
If you wish to add additional U.S. Patent citation information please click the Add button.						Add
U.S.PATENT APPLICATION PUBLICATIONS						Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JG/

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10596623
Filing Date		
First Named Inventor	REYNOLDS, ERIC CHARLES	
Art Unit		
Examiner Name		
Attorney Docket Number	FREE-004	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JG/

	1	20030195150		2003-10-16	Reynolds, Eric Charles ; et al.	
--	---	-------------	--	------------	---------------------------------	--

If you wish to add additional U.S. Published Application citation information please click the Add button. [Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² ;	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	WO 9109837			1991-07-11	Commonwealth Scientific and Ind Research Organ.		<input type="checkbox"/>
	2	JP 07278013 A			1995-10-24	Snow Brand Milk Prod. Co., Ltd.		<input type="checkbox"/>
	3	WO02094204			2002-11-28	The Univ. of Melbourne		<input type="checkbox"/>
	4	WO9840406			1998-09-17	The Univ. of Melbourne		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add](#)

NON-PATENT LITERATURE DOCUMENTS

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	ADAMSON et al. The analysis of multiple phosphoserine-containing casein peptides using capillary zone electrophoresis. Journal of Chromatography, 1993, vol. 646, pp. 391-396.	<input type="checkbox"/>
	2	ADDEO et al. Structure primaire du caséinomacropéptide de la caséine x de buffle. Biochimie, 1977, vol. 59, pp. 375-379.	<input type="checkbox"/>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JG/

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10596623
Filing Date	
First Named Inventor	REYNOLDS, ERIC CHARLES
Art Unit	
Examiner Name	
Attorney Docket Number	FREE-004

3	ALEXANDER, et al. Isolation and characterization of the bovine kappa-casein gene. Eur. J. Biochem., 1998, vol. 178, pp. 395-401.	<input type="checkbox"/>
4	BERGSTOM et al. Cloning and sequencing of human k-casein cDNA. DNA Sequence - J. DNA Sequencing and Mapping, 1992, vol. 3 pp. 245-246.	<input type="checkbox"/>
5	BOWIE et al. Deciphering the message in protein sequences: tolerance to amino acid substitutions. Science, 1990, vol. 247, pp. 1306-1310.	<input type="checkbox"/>
6	FERJANCIC-BIAGINI et al. Acylation of food proteins and hydrolysis by digestive enzymes: A review. Journal of Food Biochemistry, 1998, vol. 22, pp. 331-345.	<input type="checkbox"/>
7	JIMENEZ-FLORES et al. Cloning and sequence analysis of bovine β -casein cDNA. Biochemical and Biophysical Research Communications, 1987, vol. 142, no. 2, pp. 616-621.	<input type="checkbox"/>
8	GROSCLAUDE et al. Caractérisation des variants génétiques des caséines α_1 et β bovines. Eur. J. Biochem., 1972, vol. 26, pp. 328-337.	<input type="checkbox"/>
9	MIGLIORE-SAMOUR et al. Biologically active casein peptides implicated in immunomodulation. Journal of Dairy Research, 1989, vol. 56, pp. 357-362.	<input type="checkbox"/>
10	MOLLE et al. Heterogeneity of the bovine k-casein caseinomacropptide, resolved by liquid chromatography on-line with electrospray ionization mass spectrometry. Journal of Chromatography A, 1995, pp. 223-230.	<input type="checkbox"/>
11	MINKIEWICZ et al. Reserved-phase high-performance liquid chromatographic separation of bovine κ -casein macropptide and characterization of isolated fractions. Journal of Chromatography A, 1996, vol. 743, pp. 123-135.	<input type="checkbox"/>
12	NAGAUNE et al. Preparation of anti-bovine β -casein monoclonal antibody and analysis of the interaction between the antibody and β -casein fragment. Agric. Biol. Chem, 1998, vol. 5, no. 10, pp. 2577-2581.	<input type="checkbox"/>
13	OTA et al. Turbidity of stem bromelain toward casein solution. Department of Biochemistry, 1986, pp. 29-40.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10596623
Filing Date		
First Named Inventor	REYNOLDS, ERIC CHARLES	
Art Unit		
Examiner Name		
Attorney Docket Number	FREE-004	

14	OTANI et al. The common antigenic site of bovine and human β -caseins. Michwissenschaft, 1998, vol. 43, no. 11, pp. 705-707.	<input type="checkbox"/>
15	WELLS et al. Additivity of mutational effects in proteins. Biochemistry, 1990, vol. 29, no. 37, pp. 8509-8517.	<input type="checkbox"/>
16	Database Uniport Kappa-Casein (fragment) May 1, 1997, Wollard J.R. et al., retrieved from EBI Database accession no. P79094, CP002293161	<input type="checkbox"/>
17	Database Uniport Kappa-Casein (fragment) May 1, 1997, Wollard J.R. et al., retrieved from EBI Database accession no. P79094, CP002293162	<input type="checkbox"/>
18		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Jennifer Graser/	Date Considered	02/15/2011
--------------------	-------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.